

# Converting Colors

Hex(F589E9)

Have a look what the booklet for  
Hex(F589E9) contains.

<b>Hex(F589E9)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F589E9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F589E9
RGB	245, 137, 233
RGB Percent	96%, 54%, 91%
CMY	0.0392, 0.4627, 0.0863
CMYK	0.00, 0.44, 0.05, 0.04
HSL	307°, 84%, 75%
HSV	307°, 44%, 96%
XYZ	61.3098, 43.1870, 82.1953
YIQ	180.2360, 33.5520, 52.7520

# Conversions

## Conversions Part 2

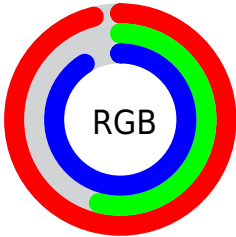
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 137, 233
Decimal	16091625
CIE Lab	71.68, 54.08, -30.93
CIE LCh	72, 62.299, 330.232
Yxy	43.1870, 0.3284, 0.2313
Android (android.graphics.Color)	4294281705 (0xFFFF589E9)
YUV	180.2360, 26.0127, 56.7980
Hunter-Lab	65.7168, 51.5253, -28.1552

# Details

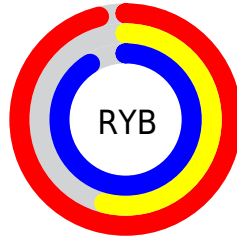
The Hex color **F589E9** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **89F595**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFC1FF**, and **BB53B1** is the 20% darker color. If you saturate the color by 10%, you get **F571E6**, and if you desaturate by 10%, it is **F5A2EC**.

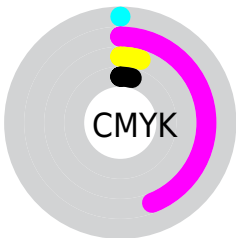
# Distribution



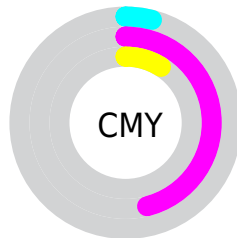
- Red (96%)
- Green (54%)
- Blue (91%)



- Red (96%)
- Yellow (54%)
- Blue (91%)



- Cyan (0%)
- Magenta (44%)
- Yellow (5%)
- Black (4%)



- Cyan (4%)
- Magenta (46%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F589E9 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color F589E9 by changing the saturation by 10% instead.



 F589E9

 F589E9

FFFFFF

 D86ECD

 FFC1FF

 BB53B1

 FFDEFF

 9E3796

 FFFBFF

 83197C

 680063

 4D004B

 350034

 17001E

 000000

 F589E9

 F589E9

 F571E6

 F5A2EC

 F558E4

 F5BAEE

 F53FE1

 F5D3F1

 F527DE

 F5EBF4

 F50EDB

 F5FFF7

 F500DA

 F5FFF9

 F5FFFC

 F5FFFF

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B1A0FF



F589E9



FF7CB2

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F589E9



CEAD35



00CAE7

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



F589E9



89F595

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00CBAE



F589E9



95BD47

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F589E9



FA974C



42C775



00C4FF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F589E9



FF7E8C



42C775



00CBD5



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



F589E9



FFDEFB



9489F5



806B7D



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



F589E9



FF78F0



F589B4



7A6E79



BA00A5



3B0034



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F589E9



FF78F0



89F5CA



7A6E79



BA00A5



3B0034



# Previews

## White Background



This preview shows how the Hex color F589E9 looks on a white background.

## Color Contrast Check

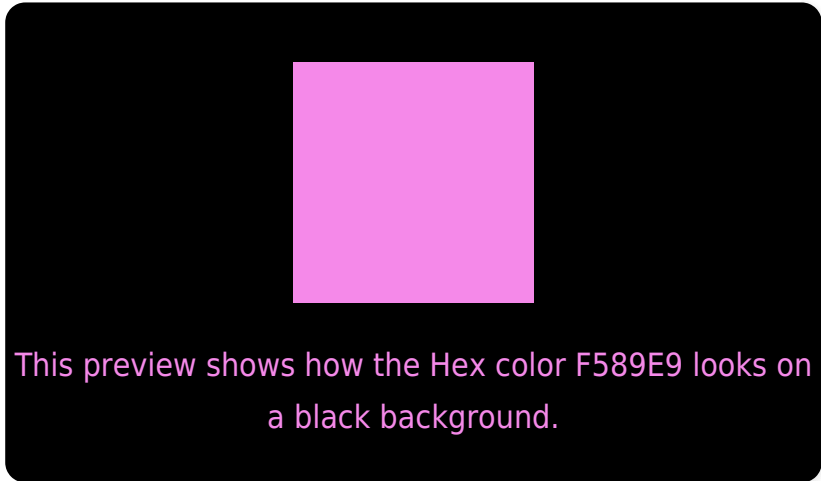
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F589E9 Background



This preview shows how black text looks on a background with the Hex color F589E9.

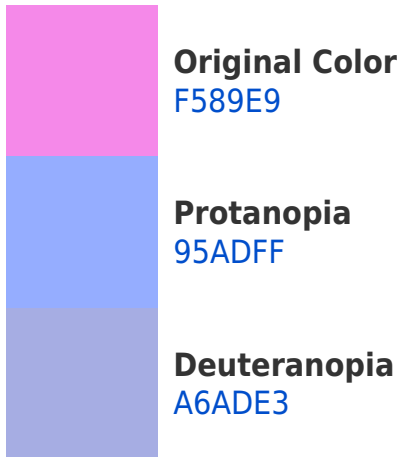


This preview shows how white text looks on a background with the Hex color F589E9.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
ED98A4

# Trichromacy



**Original Color**  
F589E9



**Protanomaly**  
B8A0F7



**Deuteranomaly**  
C3A0E5



**Tritanomaly**  
F093BD

# Monochromacy



**Original Color**  
F589E9



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
CCA4C7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F589E9 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #F589E9 looks like.

```
.text, #text, p{  
    color:#F589E9  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #F589E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F589E9
}
```

## Border

The CSS property to change the border of an element to Hex F589E9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F589E9 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#F589E9 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #F589E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F589E9; -webkit-box-shadow:4px 4px  
4px 4px #F589E9; box-shadow:4px 4px 4px  
4px #F589E9 }
```

# Background

The CSS property to change the background color of an element to Hex F589E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F589E9 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#F589E9 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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